

Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Original) A method and a system to appraise real estate property within all approaches used together by the means of nonlinear programming.
2. (Original) A method and a system of claim 1 wherein ranges of all relevant influence factors of all approaches used are optimized automatically.
3. (Original) A method and a system of claim 1 wherein all discrepancy or outliers of relevant influence factors are eliminated automatically.
4. (Original) A method and a system of claim 1 wherein the value range of each individual approach used is obtained optimal and automatically.
5. (Original) A method and a system of claim 1 wherein Feasibility Study is obtained optimally and automatically.
6. (Original) A method and a system of claim 1 wherein Sensitivity Analysis of the influenced factors of all approaches used together is obtained optimally and automatically.
7. (Original) A method and a system of claim 1 wherein the ranges of value of all approaches used are reconciled optimally and automatically.
8. (Original) A method and a system of claim 1 wherein several combinations of optimal influenced factors bring automatically the same optimal value ("multi solutions").
9. (Original) A method and a system of claim 1 wherein the highest and best use is obtained separately for each use, optimally and automatically.
10. (Original) A method and a system of claim 1 wherein project periods considered in a specific appraisal approach are optimized automatically.
11. (Original) A method and a system of claim 1 wherein different capitalization rates considered in a specific appraisal approach are optimized automatically.

CLAIMS

What is claimed is:

1. A method and a system to appraise real estate property within all approaches used together by the means of nonlinear programming.
2. A method and a system of claim 1 wherein ranges of all relevant influence factors of all approaches used are optimized automatically.
3. A method and a system of claim 1 wherein all discrepancy or outliers of relevant influence factors are eliminated automatically.
4. A method and a system of claim 1 wherein the value range of each individual approach used is obtained optimal and automatically.
5. A method and a system of claim 1 wherein Feasibility Study is obtained optimally and automatically.
6. A method and a system of claim 1 wherein Sensitivity Analysis of the influenced factors of all approaches used together is obtained optimally and automatically.
7. A method and a system of claim 1 wherein the ranges of value of all approaches used are reconciled optimally and automatically.
8. A method and a system of claim 1 wherein several combinations of optimal influenced factors bring automatically the same optimal value (“multi solution”).
9. A method and a system of claim 1 wherein the highest and best use is obtained separately for each use, optimally and automatically.
10. A method and a system of claim 1 wherein project stages considered in a specific appraisal approach are optimized automatically.
11. A method and a system of claim 1 wherein different capitalization rates considered in a specific appraisal approach are optimized automatically.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1a shows a first part of the flowchart of an invented optimization method and system.

FIG. 1b shows a second part of the flowchart.

FIG. 1c shows a third part of the flowchart.

FIG. 1d shows a fourth part of the flowchart.